Amendments to the Specification:

Please replace the paragraph beginning at page 6, line 21 in the substitute specification with the following redlined paragraph.

Accordingly, at any desired moment in time, the light intensity when direct light irradiation is involved and the light intensity in shadow can be detected, and the difference thereof can be ascertained. That difference can be determined by ~~the~~ a control system 28 of Figure 1 of the installation and used straightaway for control according to the invention of the wind power installation.

Please replace the paragraph beginning at page 8, line 10 in the substitute specification with the following redlined paragraph.

The difference itself can be measured for example with a plurality of light sensors whose values are processed by a data processing apparatus 30 of Figure 1 associated with the wind power installation. The positions of the sun at which shadow casting can occur at the immission point are also programmed in that data processing apparatus 30. In some embodiments, shadow-based shutdown can be implemented by way of an input/display device 32 (illustrated in dashed line). It will be easily appreciated that those 'shadow-casting' positions of the sun are different for each wind power installation and therefore the data processing apparatus 30 has stored, for each wind power installation, a different position of the sun at which a shadow can be cast.